

WEST Search History

DATE: Thursday, March 04, 2004

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L50	L49 and (emuls\$9 or mixture or fluid)	5
<input type="checkbox"/>	L49	L48 and ((weight or weigh\$4 or heavy) with (spectr\$4 or amplitude or value or index\$3 or amount))	5
<input type="checkbox"/>	L48	L46 and ((transverse or longitudinal or "spin-lattice" or "spin-spin" or "spin spin" or "spin lattice" or "t2" or "t.sub.2" or "t.sub.1" or "t1" or relax\$8) with (cutoff or cut-off or "cut off" or threshold\$4))	8
<input type="checkbox"/>	L47	L46 and (emuls\$9)	7
<input type="checkbox"/>	L46	L45 and (relaxometer or relaxometry)	25
<input type="checkbox"/>	L45	L44 and (weight or weigh\$4)	3325
<input type="checkbox"/>	L44	L43 and (low\$4 or high\$3 or standard)	3930
<input type="checkbox"/>	L43	L42 and (spectr\$4 or amplitude or value or index\$3 or amount)	3937
<input type="checkbox"/>	L42	L41 and (transverse or longitudinal or "spin-lattice" or "spin-spin" or "spin spin" or "spin lattice" or "t2" or "t.sub.2" or "t.sub.1" or "t1" or relax\$8)	3972
<input type="checkbox"/>	L41	L40 and (cutoff or cut-off or "cut off" or threshold\$4)	11101
<input type="checkbox"/>	L40	L39 and (oil or water or hydrogeneous or connate or fluid\$5 or emulsion)	118854
<input type="checkbox"/>	L39	L1 and (fraction\$4 or portion\$3 or part or partial\$2)	136217
<input type="checkbox"/>	L38	L1 and (fraction\$4 or portion\$3 or part\$5)	135366
		<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L37	6242912	13
<input type="checkbox"/>	L36	L35 and (weight\$4 or wait\$4)	2
<input type="checkbox"/>	L35	L34 and (spectr\$4 or amplitude or value or index\$3)	2
<input type="checkbox"/>	L34	L33 and (water with oil)	2
<input type="checkbox"/>	L33	L31 and (heavy or crude or hydrocarbon)	2
<input type="checkbox"/>	L32	('6005389') [ABPN1,NRPN,PN,TBAN,WKU]	2
<input type="checkbox"/>	L31	L30 and (cpmg or (spin adj echo) or spin-echo\$2 or spinecho\$2)	2
<input type="checkbox"/>	L30	L29 and (transverse or "spin-spin" or "spin spin" or "t2" or "t.sub.2" or relax\$8)	2
<input type="checkbox"/>	L29	L28 and (cutoff or cut-off or "cut off" or threshold\$4)	2
<input type="checkbox"/>	L28	L27 and (oil)	4
<input type="checkbox"/>	L27	L26 and (water)	4
<input type="checkbox"/>	L26	L24 and (bitumen)	5
<input type="checkbox"/>	L25	L24 and (bitrium)	0

<input type="checkbox"/>	L24	((324/303)!.CCLS.)	434
<input type="checkbox"/>	L23	L21 and (temperature or heat\$4)	7
<input type="checkbox"/>	L22	L21 and (relaxometer or relaxometry)	3
<input type="checkbox"/>	L21	L20 and (water with oil)	8
<input type="checkbox"/>	L20	L19 and (water)	11
<input type="checkbox"/>	L19	L16 and (oil)	15
<input type="checkbox"/>	L18	L17 and (heavy with (oil or water or fluid))	2
<input type="checkbox"/>	L17	L16 and (emuls\$9)	8
<input type="checkbox"/>	L16	L15 and (oil or water or hydrogeneous or connate or fluid\$5)	76
<input type="checkbox"/>	L15	L14 and (low\$4 or high\$4 or standard or averag\$4)	77
<input type="checkbox"/>	L14	L13 and (spectr\$6 or amplitude or value or index\$3)	77
<input type="checkbox"/>	L13	L12 and (cutoff or cut-off or "cut off" or threshold\$4)	77
<input type="checkbox"/>	L12	L11 and (weight\$4 or heavy)	214
<input type="checkbox"/>	L11	L10 and (transverse or "spin-spin" or "spin spin" or "t2" or "t.sub.2" or relax\$8)	406
<input type="checkbox"/>	L10	L1 and ((low with field) with ((magnetic adj resonance) or MRI or NMR))	876
<input type="checkbox"/>	L9	L8 and (low\$4 or high or standard)	7
<input type="checkbox"/>	L8	L7 and (spectr\$4 or amplitude or value or index\$3)	7
<input type="checkbox"/>	L7	L6 and (emuls\$9)	7
<input type="checkbox"/>	L6	L5 and (transverse or longitudinal or "spin-lattice" or "spin-spin" or "spin spin" or "spin lattice" or "t2" or "t.sub.2" or "t.sub.1" or "t1" or relax\$8)	29
<input type="checkbox"/>	L5	L4 and (weight\$4 or heavy)	29
<input type="checkbox"/>	L4	L3 and (cutoff or cut-off or "cut off" or threshold\$4)	33
<input type="checkbox"/>	L3	L2 and (oil or water or hydrogeneous or connate or fluid\$5)	88
<input type="checkbox"/>	L2	L1 and (relaxometer or relaxometry)	110
<input type="checkbox"/>	L1	((magnetic adj resonance) or MRI or NMR)	167467

END OF SEARCH HISTORY

Hit List

[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#)
[Generate OACS](#)

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 6140817 A

Using default format because multiple data bases are involved.

L36: Entry 1 of 2

File: USPT

Oct 31, 2000

US-PAT-NO: 6140817

DOCUMENT-IDENTIFIER: US 6140817 A

TITLE: Magnetic resonance well logging method and apparatus

DATE-ISSUED: October 31, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Flaum; Charles	Ridgefield	CT		
Kleinberg; Robert L.	Ridgefield	CT		

US-CL-CURRENT: 324/303; 324/300

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 2. Document ID: US 6005389 A

L36: Entry 2 of 2

File: USPT

Dec 21, 1999

US-PAT-NO: 6005389

DOCUMENT-IDENTIFIER: US 6005389 A

TITLE: Pulse sequences and interpretation techniques for NMR measurements

DATE-ISSUED: December 21, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prammer; Manfred G.	Downingtown	PA		

US-CL-CURRENT: 324/303; 324/300

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
WEIGHT\$4	0
WEIGHT	1879568
WEIGHTA	5
WEIGHTABLE	55
WEIGHTABLY	3
WEIGHTACT	1
WEIGHTAGE	295
WEIGHTAGES	53
WEIGHTAGG	1
WEIGHTALL	2
WEIGHTALOW	2
(L35 AND (WEIGHT\$4 OR WAIT\$4)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	2

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[Previous Page](#)

[Next Page](#)

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Hit List

Search Results - Record(s) 1 through 25 of 25 returned.

☐ 1. Document ID: US 20040028694 A1

Using default format because multiple data bases are involved.

L46: Entry 1 of 25

File: PGPB

Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040028694

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040028694 A1

TITLE: Novel nanoparticles and use thereof

PUBLICATION-DATE: February 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Young, Mark J.	Bozeman	MT	US	
Douglas, Trevor	Bozeman	MT	US	
Idzerda, Yves	Bozeman	MT	US	

US-CL-CURRENT: 424/190.1; 424/489, 530/400

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FOI	Know Be
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☐ 2. Document ID: US 20030216320 A1

L46: Entry 2 of 25

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030216320

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030216320 A1

TITLE: Peptide-based multimeric targeted contrast agents

PUBLICATION-DATE: November 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Koerner, Steffi K.	Somerville	MA	US	
Kolodziej, Andrew	Winchester	MA	US	
McMurry, Thomas J.	Winchester	MA	US	
Nair, Shrikumar	Lexington	MA	US	

Nivorozhkin, Alexander L.	West Roxbury	MA	US
Sun, Wei-Chuan	Acton	MA	US
Wang, Xifang	Belmont	MA	US

US-CL-CURRENT: 514/16; 514/17, 514/18, 530/327, 530/328, 530/329

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20030215392 A1

L46: Entry 3 of 25

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030215392
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030215392 A1

TITLE: Paramagnetic particles that provide improved relaxivity

PUBLICATION-DATE: November 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lanza, Gregory M.	St. Louis	MO	US	
Wickline, Samuel A.	St. Louis	MO	US	

US-CL-CURRENT: 424/9.32; 424/9.322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 20030185760 A1

L46: Entry 4 of 25

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030185760
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030185760 A1

TITLE: Paramagnetic particles that provide improved relaxivity

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lanza, Gregory	St. Louis	MO	US	
Wickline, Samuel A.	St. Louis	MO	US	

US-CL-CURRENT: 424/9.321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 20030185757 A1

L46: Entry 5 of 25

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030185757
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030185757 A1

TITLE: Iron-containing nanoparticles with double coating and their use in diagnosis and therapy

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kresse, Mayk	Berlin		DE	
Pfefferer, Detlev	Berlin		DE	
Lawaczek, Ruediger	Berlin		DE	
Wagner, Susanne	Berlin		DE	
Ebert, Wolfgang	Mahlow		DE	
Elste, Volker	Berlin		DE	
Semmler, Wolfhard	Heidelberg		DE	
Taupitz, Matthias	Berlin		DE	
Gaida, Josef	Berlin		DE	
Herrmann, Anja	Berlin		DE	
Ebert, Monika	Mahlow		DE	
Swiderski, Udo	Berlin		DE	

US-CL-CURRENT: 424/9.32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Know	Draw	Doc
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☐ 6. Document ID: US 20030180222 A1

L46: Entry 6 of 25

File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030180222
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030180222 A1

TITLE: Peptide-based multimeric targeted contrast agents

PUBLICATION-DATE: September 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhang, Zhaoda	Andover	MA	US	
Amedio, John C.	Franklin	MA	US	
Caravan, Peter D.	Cambridge	MA	US	

Dumas, Stephane	Cambridge	MA	US
Kolodziej, Andrew	Winchester	MA	US
McMurry, Thomas J.	Winchester	MA	US

US-CL-CURRENT: 424/9.34; 530/400, 534/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 7. Document ID: US 20030094946 A1

L46: Entry 7 of 25

File: PGPB

May 22, 2003

PGPUB-DOCUMENT-NUMBER: 20030094946
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030094946 A1

TITLE: Method and system for using conventional core data to calibrate bound water
volumes derived from NMR logs

PUBLICATION-DATE: May 22, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Galford, James E.	Missouri City	TX	US	
Marschall, David M.	Sugar Land	TX	US	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 8. Document ID: US 20030092029 A1

L46: Entry 8 of 25

File: PGPB

May 15, 2003

PGPUB-DOCUMENT-NUMBER: 20030092029
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030092029 A1

TITLE: Magneitc-nanoparticle conjugates and methods of use

PUBLICATION-DATE: May 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Josephson, Lee	Arlington	VA	US	
Weissleder, Ralph	Charlestown	MA	US	
Perez, J. Manuel	Boston	MA	US	

US-CL-CURRENT: 435/6; 435/7.5, 436/52.6

Full	Title	Examination	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 9. Document ID: US 20030009297 A1

L46: Entry 9 of 25

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030009297
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030009297 A1

TITLE: Determination of oil and water compositions of oil/water emulsions using low
field NMR Relaxometry

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mirotchnik, Konstantin	Calgary		CA	
Allsopp, Kevin	Calgary		CA	
Kantzas, Apostolos	Calgary		CA	
Marentette, Daniel	Calgary		CA	

US-CL-CURRENT: 702/25

Full	Title	Examination	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 10. Document ID: US 20020141943 A1

L46: Entry 10 of 25

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020141943
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020141943 A1

TITLE: Iron-containing nanoparticles with double coating and their use in diagnosis
and therapy

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kresse, Mayk	Berlin		DE	
Pfefferer, Detlev	Berlin		DE	
Lawaczek, Ruediger	Berlin		DE	
Wagner, Susanne	Berlin		DE	
Ebert, Wolfgang	Mahlow		DE	
Elste, Volker	Berlin		DE	
Semmler, Wolfhard	Heidelberg		DE	
Taupitz, Matthias	Berlin		DE	

Gaida, Josef	Berlin	DE
Herrmann, Anja	Berlin	DE
Ebert, Monika	Mahlow	DE
Swiderski, Udo	Berlin	DE

US-CL-CURRENT: 424/9.32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 11. Document ID: US 20020140425 A1

L46: Entry 11 of 25

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020140425
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020140425 A1

TITLE: Magnetic resonance fluid analysis apparatus and method

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prammer, Manfred G.	Downington	PA	US	
Bouton, John C.	Doylestown	PA	US	
Masak, Peter	West Chester	PA	US	

US-CL-CURRENT: 324/303; 324/306

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 12. Document ID: US 20020127629 A1

L46: Entry 12 of 25

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127629
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020127629 A1

TITLE: Imaging of enzymatic activity

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bogdanov, Alexei	Arlington	MA	US	
Weissleder, Ralph	Charlestown	MA	US	

US-CL-CURRENT: 435/25; 424/9.34, 534/15, 534/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 13. Document ID: US 20020102214 A1

L46: Entry 13 of 25

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102214

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020102214 A1

TITLE: Paramagnetic material-containing magnetic resonance external marker or calibration composition

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Briley-Saebo, Karen Catherin	Oslo	PA	NO	
Kellar, Kenneth Edmund	Wayne	PA	US	
Ladd, David Lee	Wayne	PA	US	
Hollister, Kenneth Robert	Wayne		US	
Bjornerud, Atle	Oslo		NO	

US-CL-CURRENT: 424/9.36; 424/9.364

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 14. Document ID: US 6646437 B1

L46: Entry 14 of 25

File: USPT

Nov 11, 2003

US-PAT-NO: 6646437

DOCUMENT-IDENTIFIER: US 6646437 B1

TITLE: System and method for clay typing using NMR-based porosity modeling

DATE-ISSUED: November 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chitale; Dattatraya V.	Houston	TX		
Coates; George R.	Three Rivers	CA		
Day; Peter Ian	Houston	TX		
Sigal; Richard F.	Spring	TX		

US-CL-CURRENT: 324/303; 702/8

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 15. Document ID: US 6576221 B1

L46: Entry 15 of 25

File: USPT

Jun 10, 2003

US-PAT-NO: 6576221

DOCUMENT-IDENTIFIER: US 6576221 B1

TITLE: Iron-containing nanoparticles with double coating and their use in diagnosis and therapy

DATE-ISSUED: June 10, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kresse; Mayk	Berlin			DE
Pfefferer; Detlev	Berlin			DE
Lawaczek; Rudiger	Berlin			DE
Wagner; Susanne	Berlin			DE
Ebert; Wolfgang	Berlin			DE
Elste; Volker	Berlin			DE
Semmler; Wolfhard	Glienicke			DE
Taupitz; Matthias	Berlin			DE
Gaida; Josef	Berlin			DE
Herrmann; Anja	Berlin			DE
Jukl; Monika	Berlin			DE
Swiderski; Udo	Berlin			DE

US-CL-CURRENT: 424/9.322; 424/1.11, 424/646, 424/9.1, 424/9.3, 424/9.32, 514/54,
514/59, 514/6, 514/60

Full	Title	Enston	Front	Review	Classification	Date	Reference			Claims	NUMC	Draw. Des
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☐ 16. Document ID: US 6278891 B1

L46: Entry 16 of 25

File: USPT

Aug 21, 2001

US-PAT-NO: 6278891

DOCUMENT-IDENTIFIER: US 6278891 B1

TITLE: Nuclear magnetic resonance method and apparatus for bone analysis and imaging

DATE-ISSUED: August 21, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Reiderman; Arcady	Houston	TX		
Taicher; Gersh Zvi	Houston	TX		

US-CL-CURRENT: 600/410; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 17. Document ID: US 6107796 A

L46: Entry 17 of 25

File: USPT

Aug 22, 2000

US-PAT-NO: 6107796

DOCUMENT-IDENTIFIER: US 6107796 A

TITLE: Method and apparatus for differentiating oil based mud filtrate from connate oil

DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prammer; Manfred G.	Downingtown	PA		

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 18. Document ID: US 6048515 A

L46: Entry 18 of 25

File: USPT

Apr 11, 2000

US-PAT-NO: 6048515

DOCUMENT-IDENTIFIER: US 6048515 A

TITLE: Iron-containing nanoparticles with double coating and their use in diagnosis and therapy

DATE-ISSUED: April 11, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kresse; Mayk	Berlin			DE
Pfefferer; Detlev	Berlin			DE
Lawaczek; Rudiger	Berlin			DE
Wagner; Susanne	Berlin			DE
Ebert; Wolfgang	Berlin			DE
Elste; Volker	Berlin			DE
Semmler; Wolfhard	Glienicke			DE
Taupitz; Matthias	Berlin			DE
Gaida; Josef	Berlin			DE
Herrmann; Anja	Berlin			DE
Jukl; Monika	Berlin			DE
Swiderski; Udo	Berlin			DE

US-CL-CURRENT: 424/9.322; 424/646, 424/648, 424/9.32, 514/54, 514/59, 514/6, 514/60

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NUMC	Draw Ds
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☐ 19. Document ID: US 5801228 A

L46: Entry 19 of 25

File: USPT

Sep 1, 1998

US-PAT-NO: 5801228

DOCUMENT-IDENTIFIER: US 5801228 A

TITLE: Polymeric contrast agents for medical imaging

DATE-ISSUED: September 1, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hollister; Kenneth Robert	Wayne	PA		
Keller; Kenneth Edmund	Wayne	PA		
Wei; Dong	Wayne	PA		
Peng; Xin	Wayne	PA		
Ladd; David Lee	Wayne	PA		
Henrichs; Paul Mark	Houston	TX		
Snow; Robert Allen	West Chester	PA		

US-CL-CURRENT: 534/15; 424/9.36, 424/9.363, 424/9.364, 424/9.365, 534/16, 556/45, 556/49, 556/50

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NUMC	Draw Ds
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☐ 20. Document ID: US 5707604 A

L46: Entry 20 of 25

File: USPT

Jan 13, 1998

US-PAT-NO: 5707604

DOCUMENT-IDENTIFIER: US 5707604 A

TITLE: Vivo agents comprising metal-ion chelates with acidic saccharides and glycosaminoglycans, giving improved site-selective localization, uptake mechanism, sensitivity and kinetic-spatial profiles

DATE-ISSUED: January 13, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ranney; David F.	Dallas	TX		

US-CL-CURRENT: 424/9.35; 424/9.42, 424/9.5, 436/173, 514/54, 514/56, 514/836

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 21. Document ID: US 5623028 A

L46: Entry 21 of 25

File: USPT

Apr 22, 1997

US-PAT-NO: 5623028

DOCUMENT-IDENTIFIER: US 5623028 A

TITLE: Heat cured rubbers

DATE-ISSUED: April 22, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fitzgerald; John J.	Clifton Park	NY		
Osaheni; John A.	Niskayuna	NY		
Buddle; Stanlee T.	Gloversville	NY		
Pero; Donald T.	Adams	MA		

US-CL-CURRENT: 525/474; 523/212, 524/492, 524/493, 525/477, 525/478

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 22. Document ID: US 5610213 A

L46: Entry 22 of 25

File: USPT

Mar 11, 1997

US-PAT-NO: 5610213

DOCUMENT-IDENTIFIER: US 5610213 A

TITLE: Heat cured rubbers

DATE-ISSUED: March 11, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sumpter; Chris A.	Scotia	NY		
Ward; Brian J.	Valley Falls	NY		

US-CL-CURRENT: 524/267; 524/493, 524/847, 525/477, 528/24

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 23. Document ID: US 5260050 A

L46: Entry 23 of 25

File: USPT

Nov 9, 1993

US-PAT-NO: 5260050

DOCUMENT-IDENTIFIER: US 5260050 A

TITLE: Methods and compositions for magnetic resonance imaging comprising superparamagnetic ferromagnetically coupled chromium complexes

DATE-ISSUED: November 9, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ranney; David F.	Dallas	TX	75234	

US-CL-CURRENT: 424/9.351; 424/617, 424/9.35, 436/173, 436/806, 536/102, 536/112, 536/122, 556/61, 600/420

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FOOC	Draw De
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☐ 24. Document ID: US 5213788 A

L46: Entry 24 of 25

File: USPT

May 25, 1993

US-PAT-NO: 5213788

DOCUMENT-IDENTIFIER: US 5213788 A

**** See image for Certificate of Correction ****TITLE: Physically and chemically stabilized polyatomic clusters for magnetic resonance image and spectral enhancement

DATE-ISSUED: May 25, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ranney; David F.	Dallas	TX	75234	

US-CL-CURRENT: 424/9.322; 424/617, 424/9.35, 436/173, 436/806, 514/56, 514/836, 600/420

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FOOC	Draw De
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☐ 25. Document ID: CA 2342007 A1, US 20030009297 A1

L46: Entry 25 of 25

File: DWPI

Sep 26, 2002

DERWENT-ACC-NO: 2003-329971

DERWENT-WEEK: 200331

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TITLE: Oil content determination apparatus has low field nuclear magnetic resonance relaxometer having magnet, mechanism for determining total amplitude of spectrum, and mechanism for converting amplitude value to weight value

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FOOC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
RELAXOMETER	87
RELAXOMETERS	8
RELAXOMETRY	70
RELAXOMETRIES	0
RELAXOMETRYS	0
((RELAXOMETER OR RELAXOMETRY) AND 45).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	25
(L45 AND (RELAXOMETER OR RELAXOMETRY)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	25

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Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 20030215392 A1

Using default format because multiple data bases are involved.

L47: Entry 1 of 7

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030215392

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030215392 A1

TITLE: Paramagnetic particles that provide improved relaxivity

PUBLICATION-DATE: November 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lanza, Gregory M.	St. Louis	MO	US	
Wicklaine, Samuel A.	St. Louis	MO	US	

US-CL-CURRENT: 424/9.32; 424/9.322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw D
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☐ 2. Document ID: US 20030185760 A1

L47: Entry 2 of 7

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030185760

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030185760 A1

TITLE: Paramagnetic particles that provide improved relaxivity

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lanza, Gregory	St. Louis	MO	US	
Wicklaine, Samuel A.	St. Louis	MO	US	

US-CL-CURRENT: 424/9.321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 3. Document ID: US 20030092029 A1

L47: Entry 3 of 7

File: PGPB

May 15, 2003

PGPUB-DOCUMENT-NUMBER: 20030092029
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030092029 A1

TITLE: Magneitc-nanoparticle conjugates and methods of use

PUBLICATION-DATE: May 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Josephson, Lee	Arlington	VA	US	
Weissleder, Ralph	Charlestown	MA	US	
Perez, J. Manuel	Boston	MA	US	

US-CL-CURRENT: 435/6; 435/7.5, 436/526

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 4. Document ID: US 20030009297 A1

L47: Entry 4 of 7

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030009297
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030009297 A1

TITLE: Determination of oil and water compositions of oil/water emulsions using low field NMR Relaxometry

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mirotchnik, Konstantin	Calgary		CA	
Allsopp, Kevin	Calgary		CA	
Kantzas, Apostolos	Calgary		CA	
Marentette, Daniel	Calgary		CA	

US-CL-CURRENT: 702/25

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 5. Document ID: US 5260050 A

L47: Entry 5 of 7

File: USPT

Nov 9, 1993

US-PAT-NO: 5260050

DOCUMENT-IDENTIFIER: US 5260050 A

TITLE: Methods and compositions for magnetic resonance imaging comprising
superparamagnetic ferromagnetically coupled chromium complexes

DATE-ISSUED: November 9, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ranney; David F.	Dallas	TX	75234	

US-CL-CURRENT: 424/9.351; 424/617, 424/9.35, 436/173, 436/806, 536/102, 536/112,
536/122, 556/61, 600/420

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw De
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☐ 6. Document ID: US 5213788 A

L47: Entry 6 of 7

File: USPT

May 25, 1993

US-PAT-NO: 5213788

DOCUMENT-IDENTIFIER: US 5213788 A

**** See image for Certificate of Correction ****

TITLE: Physically and chemically stabilized polyatomic clusters for magnetic
resonance image and spectral enhancement

DATE-ISSUED: May 25, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ranney; David F.	Dallas	TX	75234	

US-CL-CURRENT: 424/9.322; 424/617, 424/9.35, 436/173, 436/806, 514/56, 514/836,
600/420

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw De
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☐ 7. Document ID: CA 2342007 A1, US 20030009297 A1

L47: Entry 7 of 7

File: DWPI

Sep 26, 2002

DERWENT-ACC-NO: 2003-329971

DERWENT-WEEK: 200331

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TITLE: Oil content determination apparatus has low field nuclear magnetic resonance relaxometer having magnet, mechanism for determining total amplitude of spectrum, and mechanism for converting amplitude value to weight value

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NAME	Drawn De
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Term	Documents
EMULS\$9	0
EMULS	2312
EMULSA	6
EMULSAATUEL	1
EMULSABILITY	3
EMULSABLE	1
EMULSAFYING	1
EMULSAGEN	1
EMULSAID	2
EMULSAME	5
(L46 AND (EMULS\$9)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	7

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[Previous Page](#)

[Next Page](#)

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☐ 1. Document ID: US 20030094946 A1

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L48: Entry 1 of 8

File: PGPB

May 22, 2003

PGPUB-DOCUMENT-NUMBER: 20030094946

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030094946 A1

TITLE: Method and system for using conventional core data to calibrate bound water volumes derived from NMR logs

PUBLICATION-DATE: May 22, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Galford, James E.	Missouri City	TX	US	
Marschall, David M.	Sugar Land	TX	US	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20030009297 A1

L48: Entry 2 of 8

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030009297

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030009297 A1

TITLE: Determination of oil and water compositions of oil/water emulsions using low field NMR Relaxometry

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mirotchnik, Konstantin	Calgary		CA	
Allsopp, Kevin	Calgary		CA	
Kantzas, Apostolos	Calgary		CA	

Marentette, Daniel

Calgary

CA

US-CL-CURRENT: 702/25

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 3. Document ID: US 20020140425 A1

L48: Entry 3 of 8

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020140425

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020140425 A1

TITLE: Magnetic resonance fluid analysis apparatus and method

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prammer, Manfred G.	Downington	PA	US	
Bouton, John C.	Doylestown	PA	US	
Masak, Peter	West Chester	PA	US	

US-CL-CURRENT: 324/303; 324/306

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 4. Document ID: US 6646437 B1

L48: Entry 4 of 8

File: USPT

Nov 11, 2003

US-PAT-NO: 6646437

DOCUMENT-IDENTIFIER: US 6646437 B1

TITLE: System and method for clay typing using NMR-based porosity modeling

DATE-ISSUED: November 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chitale; Dattatraya V.	Houston	TX		
Coates; George R.	Three Rivers	CA		
Day; Peter Ian	Houston	TX		
Sigal; Richard F.	Spring	TX		

US-CL-CURRENT: 324/303; 702/8

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 5. Document ID: US 6107796 A

L48: Entry 5 of 8

File: USPT

Aug 22, 2000

US-PAT-NO: 6107796

DOCUMENT-IDENTIFIER: US 6107796 A

TITLE: Method and apparatus for differentiating oil based mud filtrate from connate oil

DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prammer; Manfred G.	Downingtown	PA		

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NUM	Draw D
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☐ 6. Document ID: US 5260050 A

L48: Entry 6 of 8

File: USPT

Nov 9, 1993

US-PAT-NO: 5260050

DOCUMENT-IDENTIFIER: US 5260050 A

TITLE: Methods and compositions for magnetic resonance imaging comprising superparamagnetic ferromagnetically coupled chromium complexes

DATE-ISSUED: November 9, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ranney; David F.	Dallas	TX	75234	

US-CL-CURRENT: 424/9.351; 424/617, 424/9.35, 436/173, 436/806, 536/102, 536/112, 536/122, 556/61, 600/420

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NUM	Draw D
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☐ 7. Document ID: US 5213788 A

L48: Entry 7 of 8

File: USPT

May 25, 1993

US-PAT-NO: 5213788

DOCUMENT-IDENTIFIER: US 5213788 A

**** See image for Certificate of Correction ****

TITLE: Physically and chemically stabilized polyatomic clusters for magnetic resonance image and spectral enhancement

DATE-ISSUED: May 25, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ranney; David F.	Dallas	TX	75234	

US-CL-CURRENT: 424/9.322; 424/617, 424/9.35, 436/173, 436/806, 514/56, 514/836, 600/420

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FOI	Draw D
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☐ 8. Document ID: CA 2342007 A1, US 20030009297 A1

L48: Entry 8 of 8

File: DWPI

Sep 26, 2002

DERWENT-ACC-NO: 2003-329971

DERWENT-WEEK: 200331

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TITLE: Oil content determination apparatus has low field nuclear magnetic resonance relaxometer having magnet, mechanism for determining total amplitude of spectrum, and mechanism for converting amplitude value to weight value

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FOI	Draw D
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Term	Documents
TRANSVERSE	1181234
TRANSVERSES	3419
LONGITUDINAL	1857394
LONGITUDINALS	1349
SPIN-LATTICE	1123
SPIN-LATTICES	0
SPIN-SPIN	1305
SPIN-SPINS	0
"SPIN SPIN"	0
"SPIN LATTICE"	0
(L46 AND ((TRANSVERSE OR LONGITUDINAL OR "SPIN-LATTICE" OR "SPIN-SPIN" OR "SPIN SPIN" OR "SPIN LATTICE" OR "T2" OR "T.SUB.2" OR "T.SUB.1" OR "T1" OR RELAX\$8) WITH (CUTOFF OR CUT-OFF OR "CUT OFF" OR THRESHOLD\$4))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	8

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[Previous Page](#)

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Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20030094946 A1

Using default format because multiple data bases are involved.

L49: Entry 1 of 5

File: PGPB

May 22, 2003

PGPUB-DOCUMENT-NUMBER: 20030094946

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030094946 A1

TITLE: Method and system for using conventional core data to calibrate bound water volumes derived from NMR logs

PUBLICATION-DATE: May 22, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Galford, James E.	Missouri City	TX	US	
Marschall, David M.	Sugar Land	TX	US	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Dc
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☐ 2. Document ID: US 20030009297 A1

L49: Entry 2 of 5

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030009297

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030009297 A1

TITLE: Determination of oil and water compositions of oil/water emulsions using low field NMR Relaxometry

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mirotchnik, Konstantin	Calgary		CA	
Allsopp, Kevin	Calgary		CA	
Kantzas, Apostolos	Calgary		CA	

Marentette, Daniel

Calgary

CA

US-CL-CURRENT: 702/25

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 5260050 A

L49: Entry 3 of 5

File: USPT

Nov 9, 1993

US-PAT-NO: 5260050

DOCUMENT-IDENTIFIER: US 5260050 A

TITLE: Methods and compositions for magnetic resonance imaging comprising superparamagnetic ferromagnetically coupled chromium complexes

DATE-ISSUED: November 9, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ranney; David F.	Dallas	TX	75234	

US-CL-CURRENT: 424/9.351; 424/617, 424/9.35, 436/173, 436/806, 536/102, 536/112, 536/122, 556/61, 600/420

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 4. Document ID: US 5213788 A

L49: Entry 4 of 5

File: USPT

May 25, 1993

US-PAT-NO: 5213788

DOCUMENT-IDENTIFIER: US 5213788 A

**** See image for Certificate of Correction ****TITLE: Physically and chemically stabilized polyatomic clusters for magnetic resonance image and spectral enhancement

DATE-ISSUED: May 25, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ranney; David F.	Dallas	TX	75234	

US-CL-CURRENT: 424/9.322; 424/617, 424/9.35, 436/173, 436/806, 514/56, 514/836, 600/420

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 5. Document ID: CA 2342007 A1, US 20030009297 A1

L49: Entry 5 of 5

File: DWPI

Sep 26, 2002

DERWENT-ACC-NO: 2003-329971

DERWENT-WEEK: 200331

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TITLE: Oil content determination apparatus has low field nuclear magnetic resonance
relaxometer having magnet, mechanism for determining total amplitude of spectrum,
and mechanism for converting amplitude value to weight value

Full	Title	Citation	Frnt	Review	Classification	Date	Reference			Claims	NUMC	Draw D
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